FIG.1

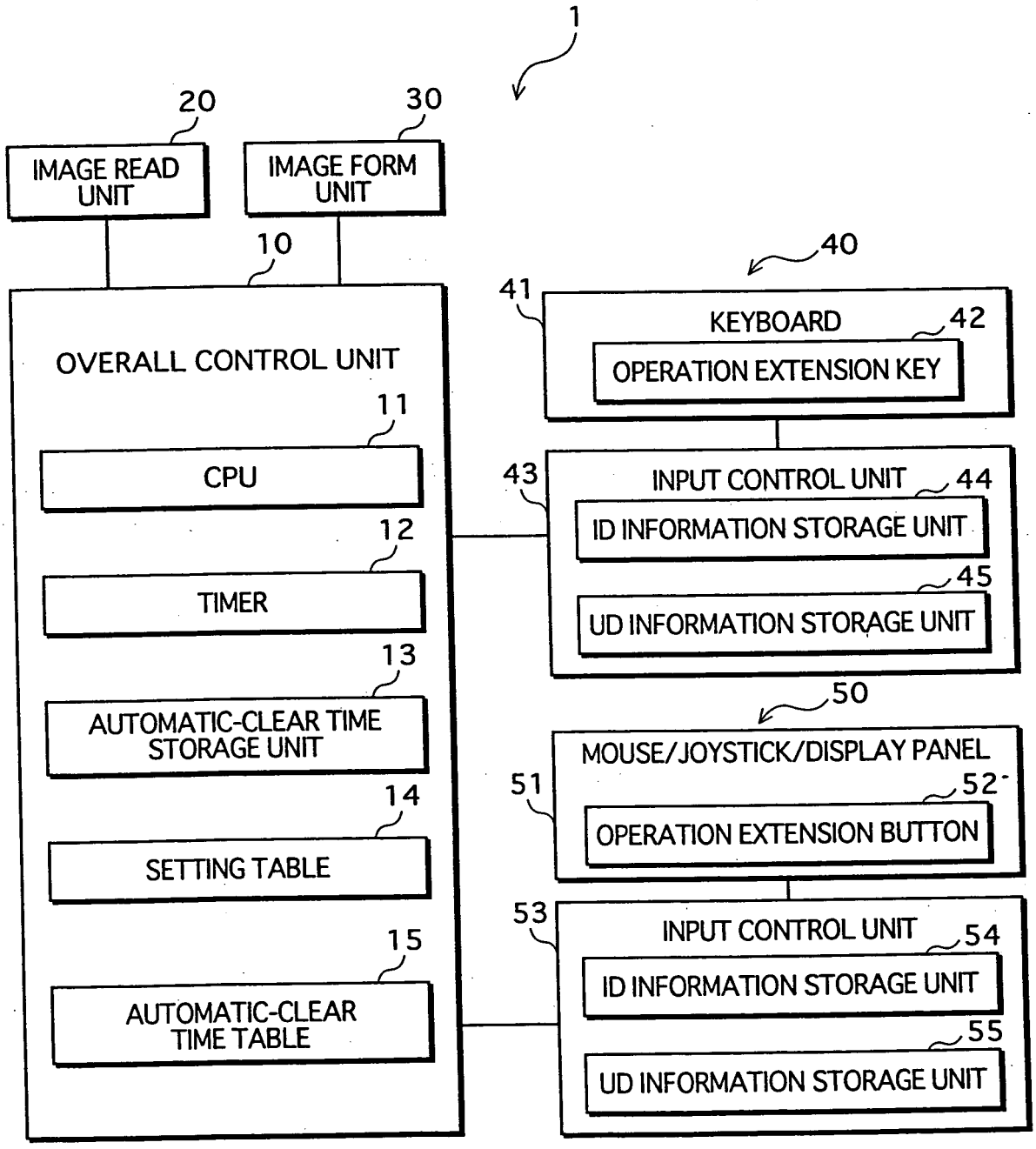
1
20
IMAGE READ UNIT
30
IMAGE FORM UNIT
10
OVERALL CONTROL UNIT
11
CPU
12
TIMER
13
AUTOMATIC-CLEAR TIME STORAGE UNIT
14
SETTING TABLE
15
AUTOMATIC-CLEAR TIME TABLE
40
41
KEYBOARD
42
OPERATION EXTENSION KEY
43
INPUT CONTROL UNIT
44
ID INFORMATION STORAGE UNIT
45
UD INFORMATION STORAGE UNIT
50
MOUSE/JOYSTICK/DISPLAY PANEL
51
52
OPERATION EXTENSION BUTTON
53
INPUT CONTROL UNIT
54
ID INFORMATION STORAGE UNIT
55
UD INFORMATION STORAGE UNIT

FIG.2

14

NUMBER OF SHEETS	1
DENSITY	NORMAL
SCALING FACTOR	EQUAL
COPYING MODE	SINGLE-SIDE COPYING
SORT	NO
BINDING MARGIN	NO
2in1	NO
OPERATION EXTENSION	NO
ID INFORMATION	—
UD-COMPLIANT	NO
⋮	⋮

FIG.3

15

TYPE	AUTOMATIC-CLEAR TIME		
		UD-COMPLIANT	OPERATION EXTENSION
1 (KEYBOARD)	SET VALUE A(390s)	YES	YES
	SET VALUE B(360s)	NO	YES
	SET VALUE C(90s)	YES	NO
	SET VALUE D(60s)	NO	NO
2 [MOUSE/JOYSTICK]	SET VALUE A(420s)	YES	YES
	SET VALUE B(380s)	NO	YES
	SET VALUE C(120s)	YES	NO
	SET VALUE D(80s)	NO	NO

FIG.4

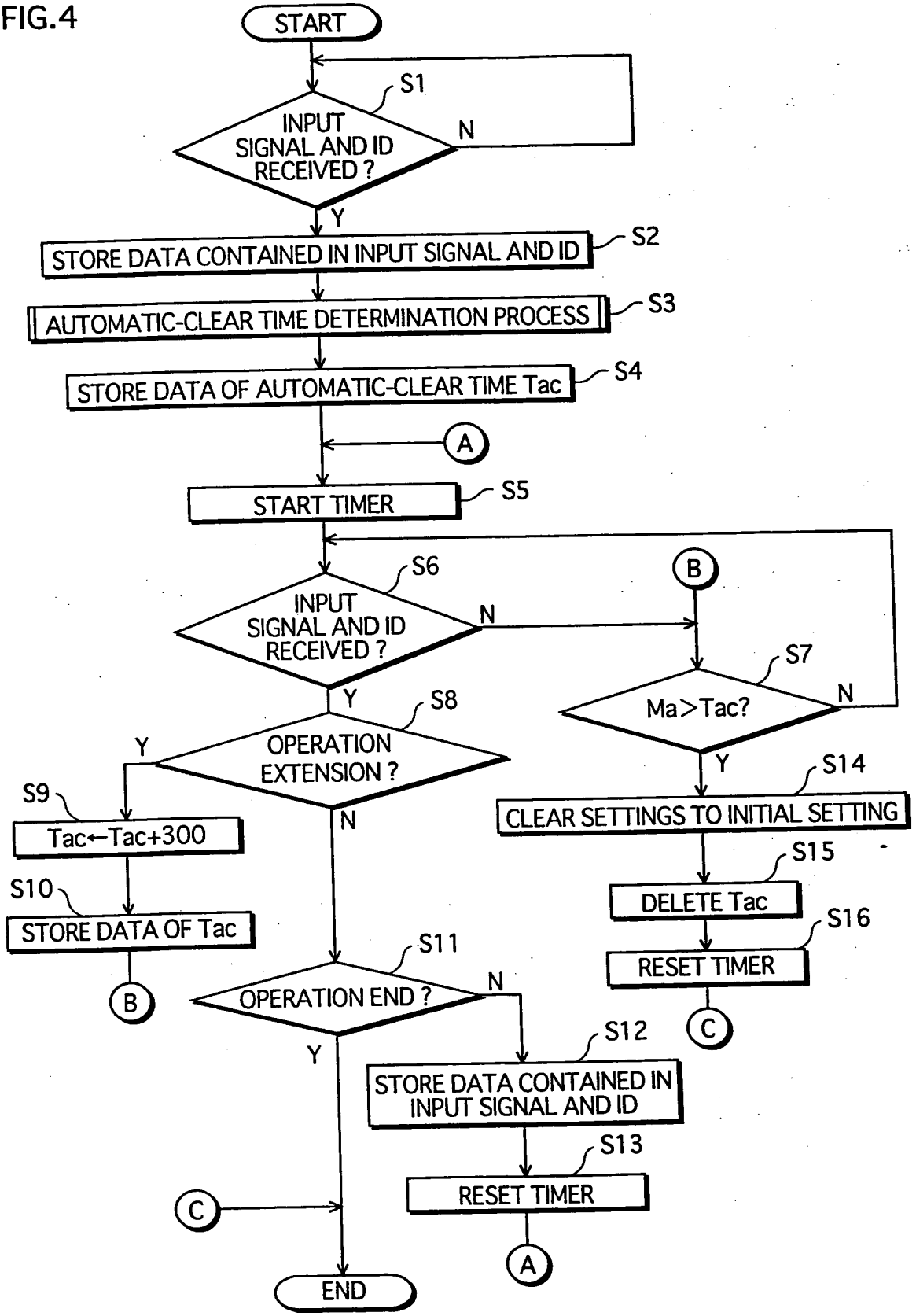
START
S1
INPUT SIGNAL AND ID RECEIVED ?
N
Y
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S2
AUTOMATIC-CLEAR TIME DETERMINATION PROCESS
S3
STORE DATA OF AUTOMATIC-CLEAR TIME Tac
S4
A
START TIMER
S5
S6
INPUT SIGNAL AND ID RECEIVED ?
N
Y
B
S7
Ma>Tac?
N
Y
S8
OPERATION EXTENSION ?
Y
N
S9
Tac←Tac+300
S10
STORE DATA OF Tac
B
S14
CLEAR SETTINGS TO INITIAL SETTING
S15
DELETE Tac
S16
RESET TIMER
C
S11
OPERATION END ?
N
Y
S12
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S13
RESET TIMER
A
C
END

FIG.5

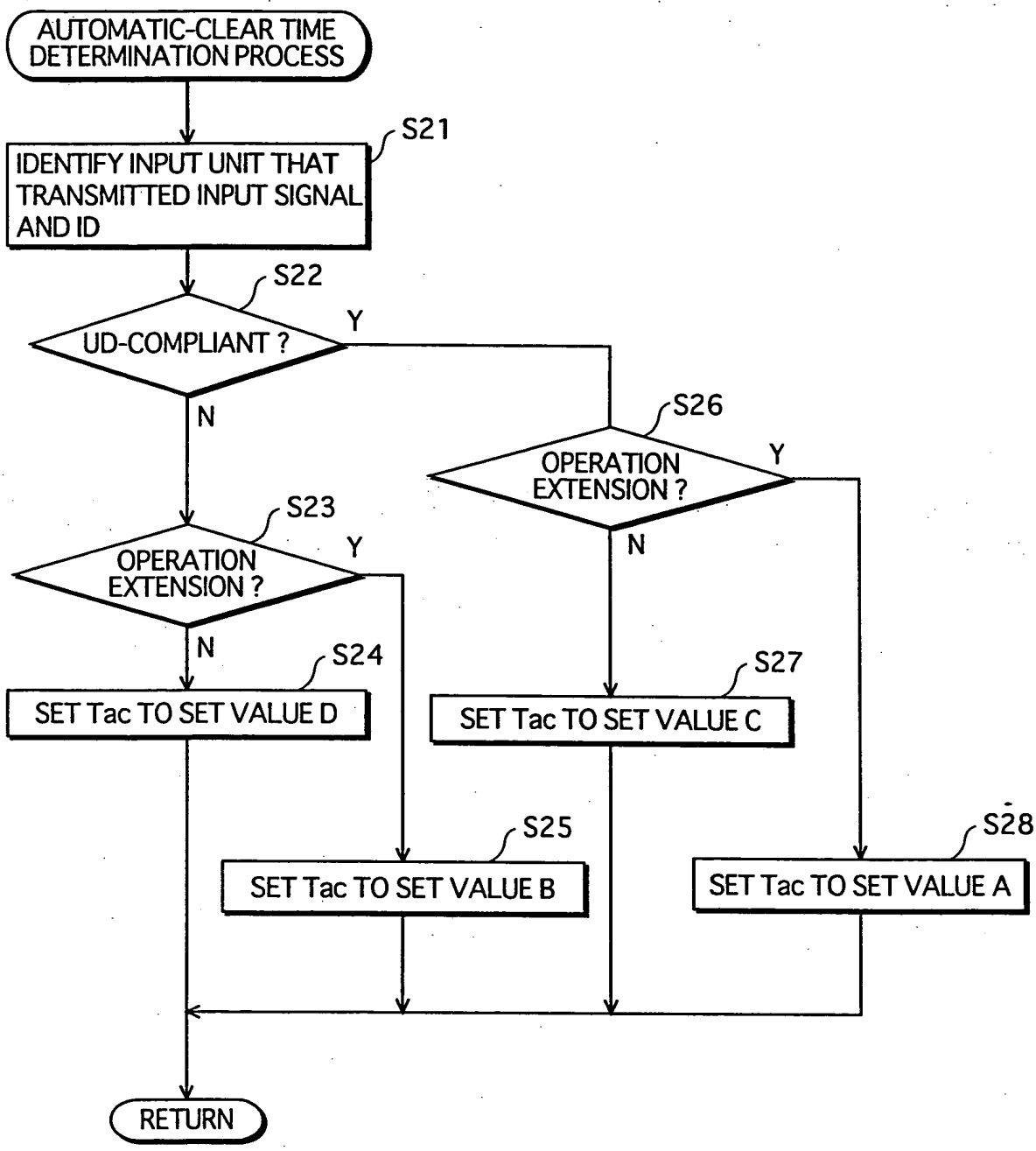
AUTOMATIC-CLEAR TIME DETERMINATION PROCESS
S21
IDENTIFY INPUT UNIT THAT TRANSMITTED INPUT SIGNAL AND ID
S22
UD-COMPLIANT ?
Y
N
S26
OPERATION EXTENSION ?
Y
N
S23
OPERATION EXTENSION ?
Y
N
S24
SET Tac TO SET VALUE D
S27
SET Tac TO SET VALUE C
S25
SET Tac TO SET VALUE B
S28
SET Tac TO SET VALUE A
RETURN

FIG.6

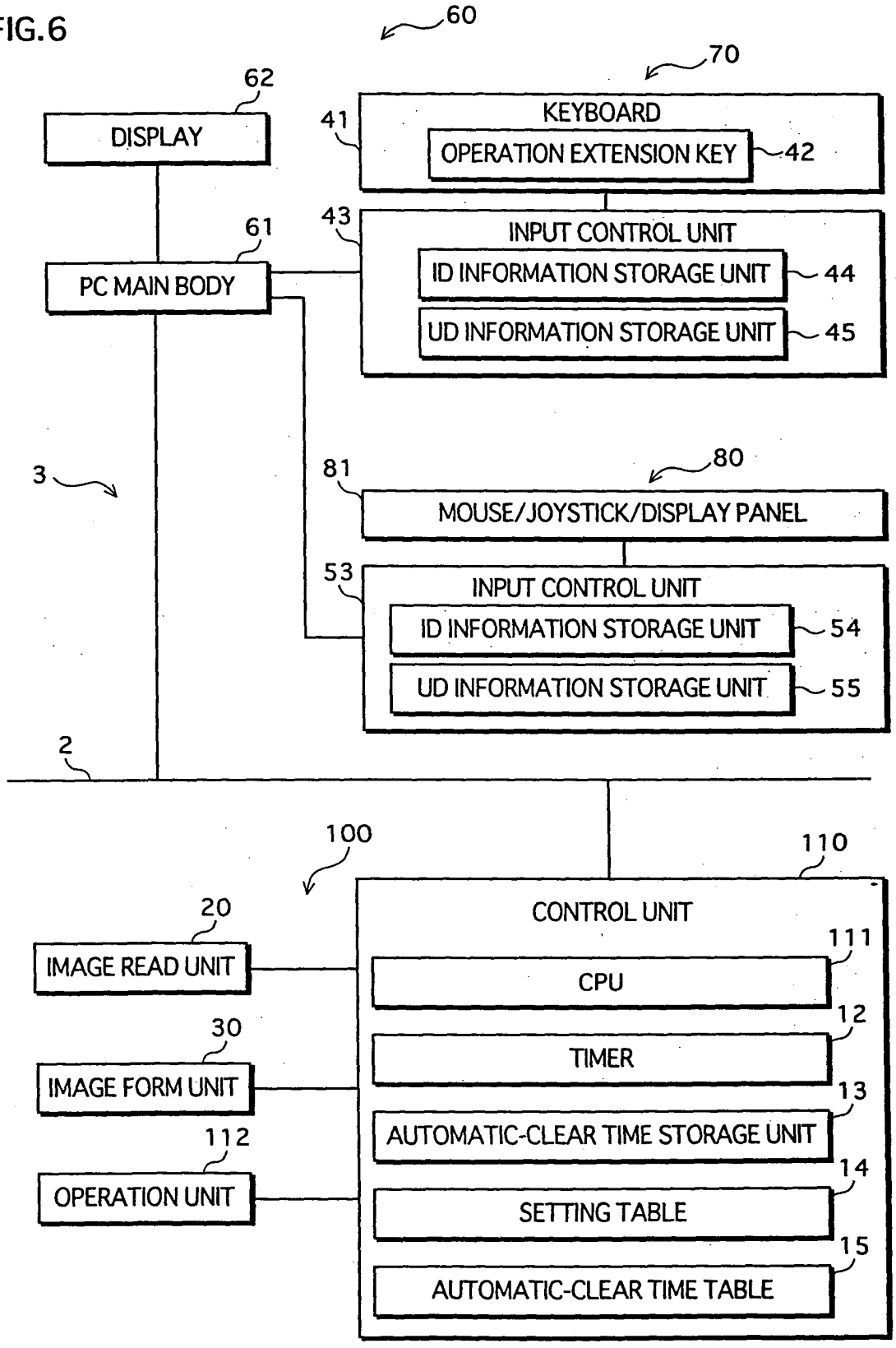
60
70
62
DISPLAY
41
KEYBOARD
OPERATION EXTENSION KEY
42
43
INPUT CONTROL UNIT
61
PC MAIN BODY
ID INFORMATION STORAGE UNIT
44
UD INFORMATION STORAGE UNIT
45
3
81
80
MOUSE/JOYSTICK/DISPLAY PANEL
53
INPUT CONTROL UNIT
ID INFORMATION STORAGE UNIT
54
UD INFORMATION STORAGE UNIT
55
2
100
110
20
CONTROL UNIT
111
IMAGE READ UNIT
CPU
12
30
TIMER
IMAGE FORM UNIT
13
AUTOMATIC-CLEAR TIME STORAGE UNIT
112
14
OPERATION UNIT
SETTING TABLE
15
AUTOMATIC-CLEAR TIME TABLE

FIG.7

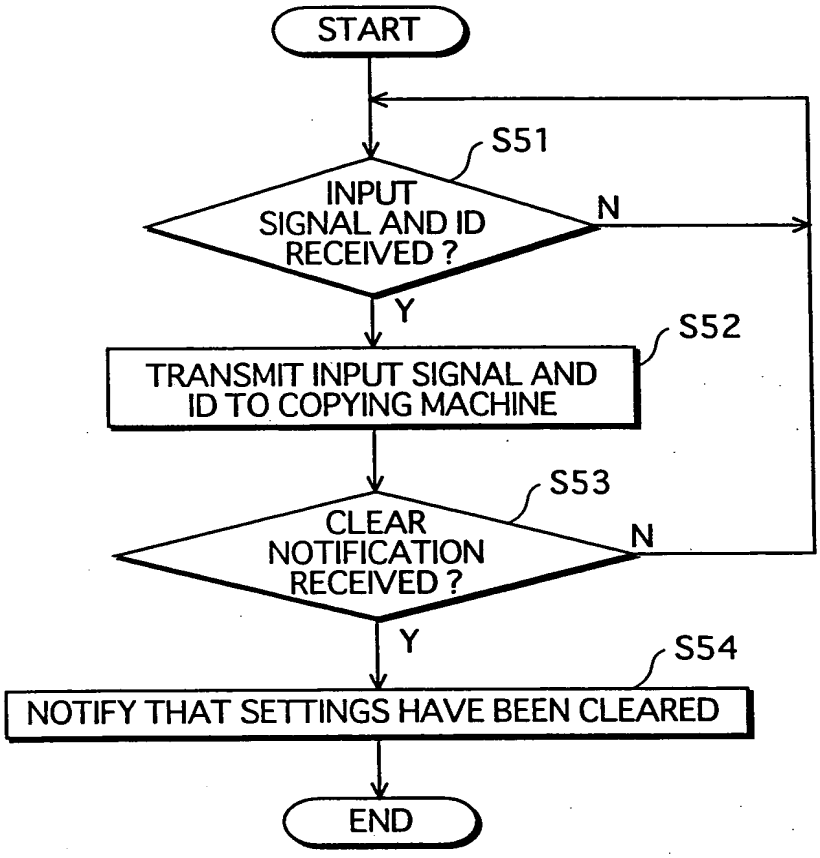
START
S51
INPUT SIGNAL AND ID RECEIVED ?
N
Y
S52
TRANSMIT INPUT SIGNAL AND ID TO COPYING MACHINE
S53
CLEAR NOTIFICATION RECEIVED ?
N
Y
S54
NOTIFY THAT SETTINGS HAVE BEEN CLEARED
END

FIG.8

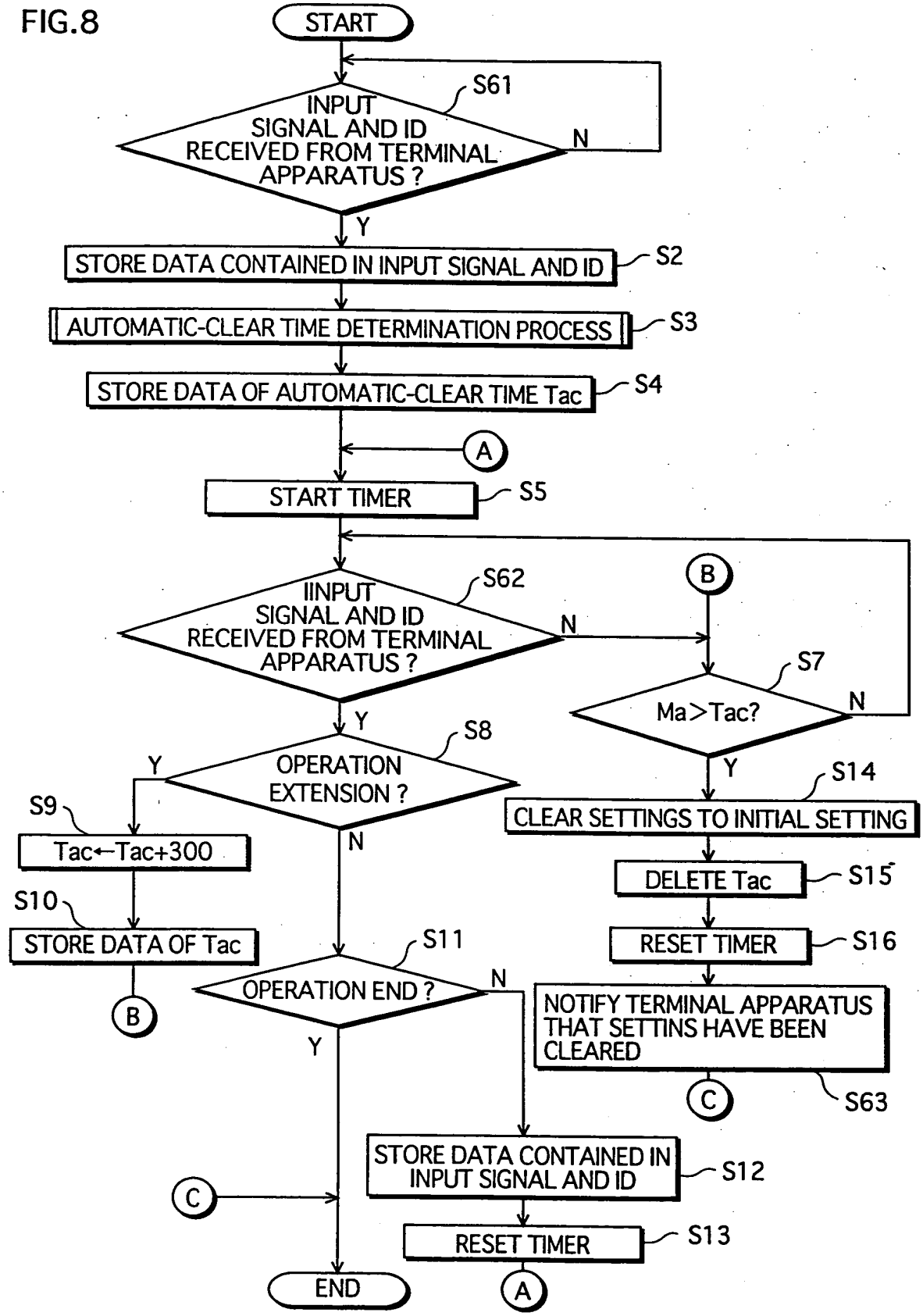
START
S61
INPUT SIGNAL AND ID RECEIVED FROM TERMINAL APPARATUS ?
N
Y
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S2
AUTOMATIC-CLEAR TIME DETERMINATION PROCESS
S3
STORE DATA OF AUTOMATIC-CLEAR TIME Tac
S4
A
START TIMER
S5
S62
IINPUT SIGNAL AND ID RECEIVED FROM TERMINAL APPARATUS ?
N
Y
B
S7
Ma>Tac?
N
Y
S8
OPERATION EXTENSION ?
Y
N
S9
Tac←Tac+300
S10
STORE DATA OF Tac
B
S11
OPERATION END ?
N
Y
S14
CLEAR SETTINGS TO INITIAL SETTING
DELETE Tac
S15
RESET TIMER
S16
NOTIFY TERMINAL APPARATUS THAT SETTINS HAVE BEEN CLEARED
C
S63
C
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S12
RESET TIMER
S13
END
A

FIG.9

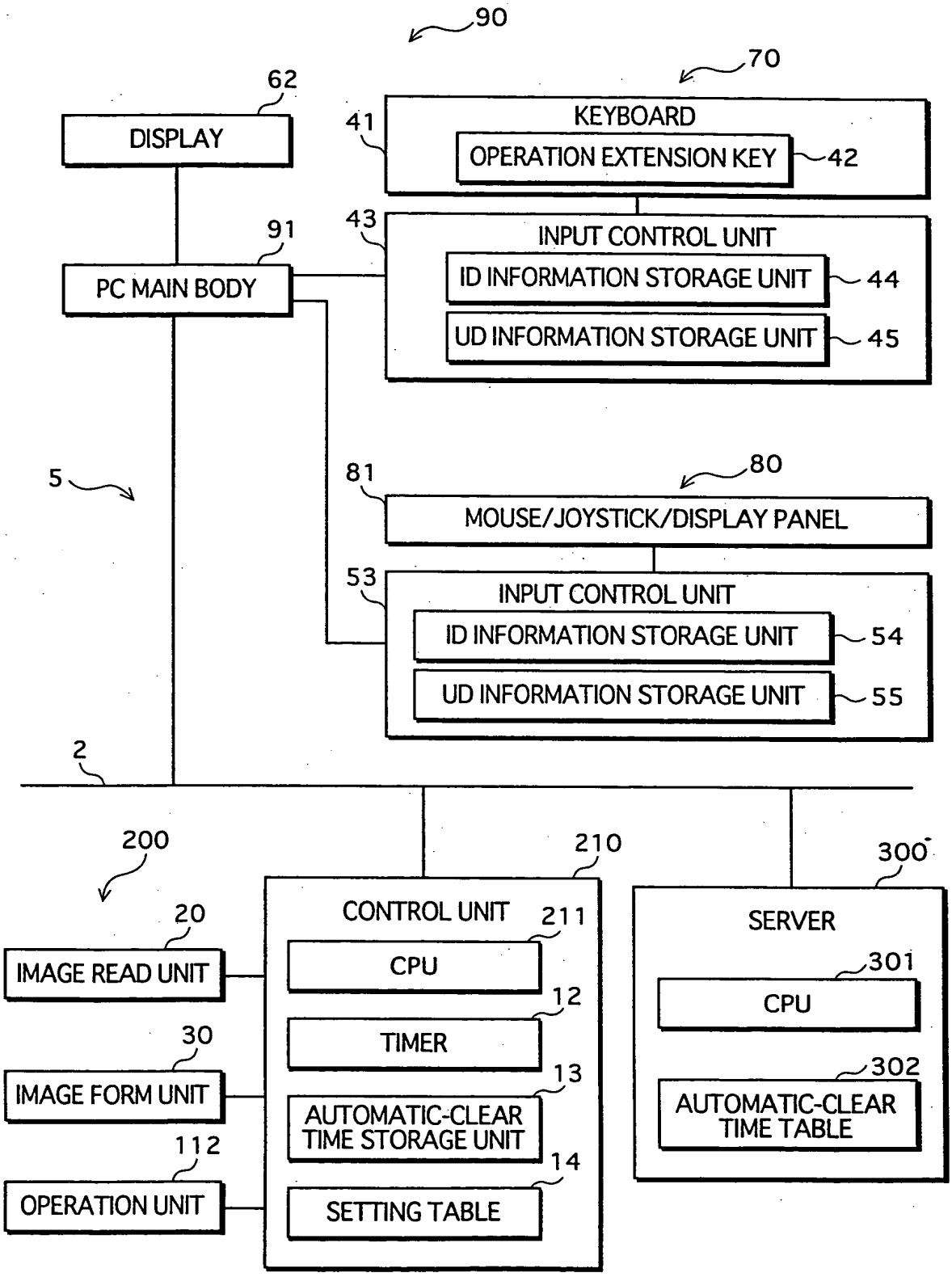
90
70
62
DISPLAY
41
KEYBOARD
OPERATION EXTENSION KEY
42
43
INPUT CONTROL UNIT
91
PC MAIN BODY
ID INFORMATION STORAGE UNIT
44
UD INFORMATION STORAGE UNIT
45
5
81
80
MOUSE/JOYSTICK/DISPLAY PANEL
53
INPUT CONTROL UNIT
ID INFORMATION STORAGE UNIT
54
UD INFORMATION STORAGE UNIT
55
2
200
210
300
20
CONTROL UNIT
211
SERVER
IMAGE READ UNIT
CPU
301
CPU
12
TIMER
30
IMAGE FORM UNIT
13
AUTOMATIC-CLEAR TIME STORAGE UNIT
302
AUTOMATIC-CLEAR TIME TABLE
112
14
OPERATION UNIT
SETTING TABLE

FIG.10

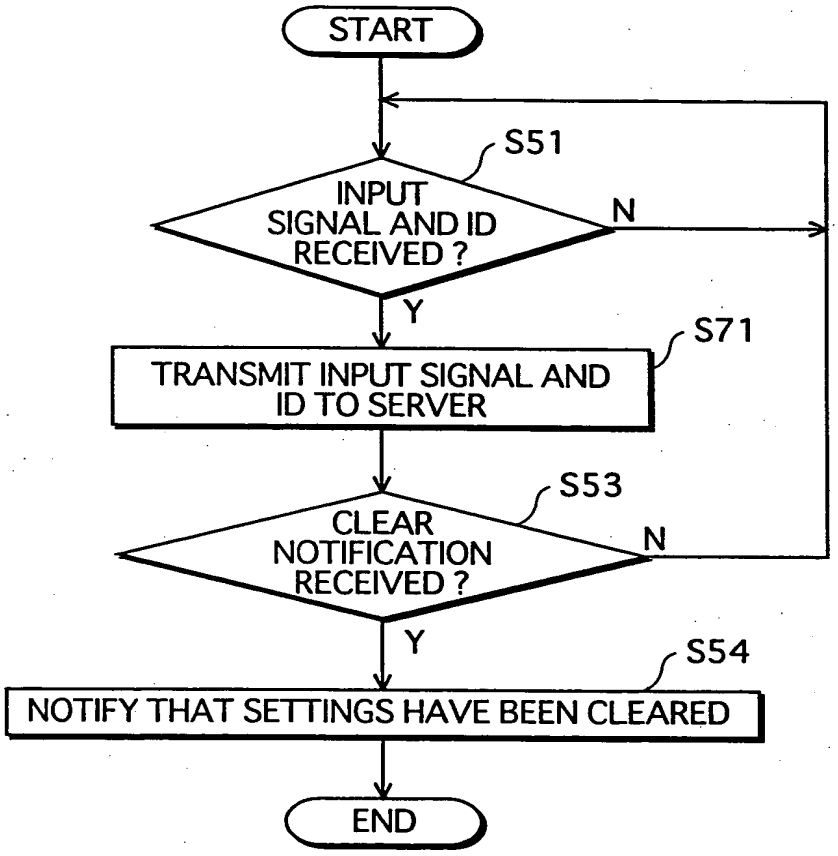
START
S51
INPUT SIGNAL AND ID RECEIVED ?
N
Y
S71
TRANSMIT INPUT SIGNAL AND ID TO SERVER
S53
CLEAR NOTIFICATION RECEIVED ?
N
Y
S54
NOTIFY THAT SETTINGS HAVE BEEN CLEARED
END

FIG.11

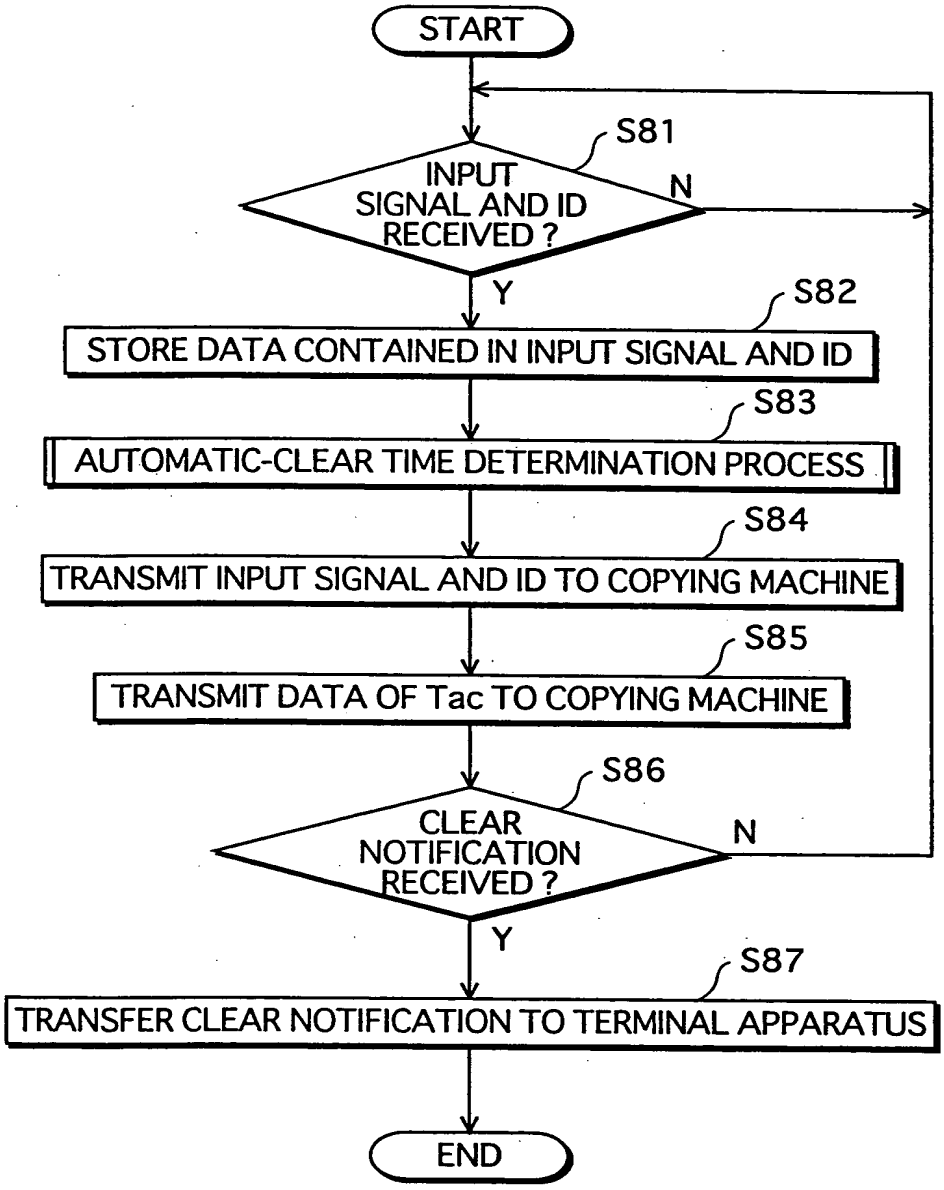
START
S81
INPUT SIGNAL AND ID RECEIVED ?
N
Y
S82
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S83
AUTOMATIC-CLEAR TIME DETERMINATION PROCESS
S84
TRANSMIT INPUT SIGNAL AND ID TO COPYING MACHINE
S85
TRANSMIT DATA OF Tac TO COPYING MACHINE
S86
CLEAR NOTIFICATION RECEIVED ?
N
Y
S87
TRANSFER CLEAR NOTIFICATION TO TERMINAL APPARATUS
END

FIG.12

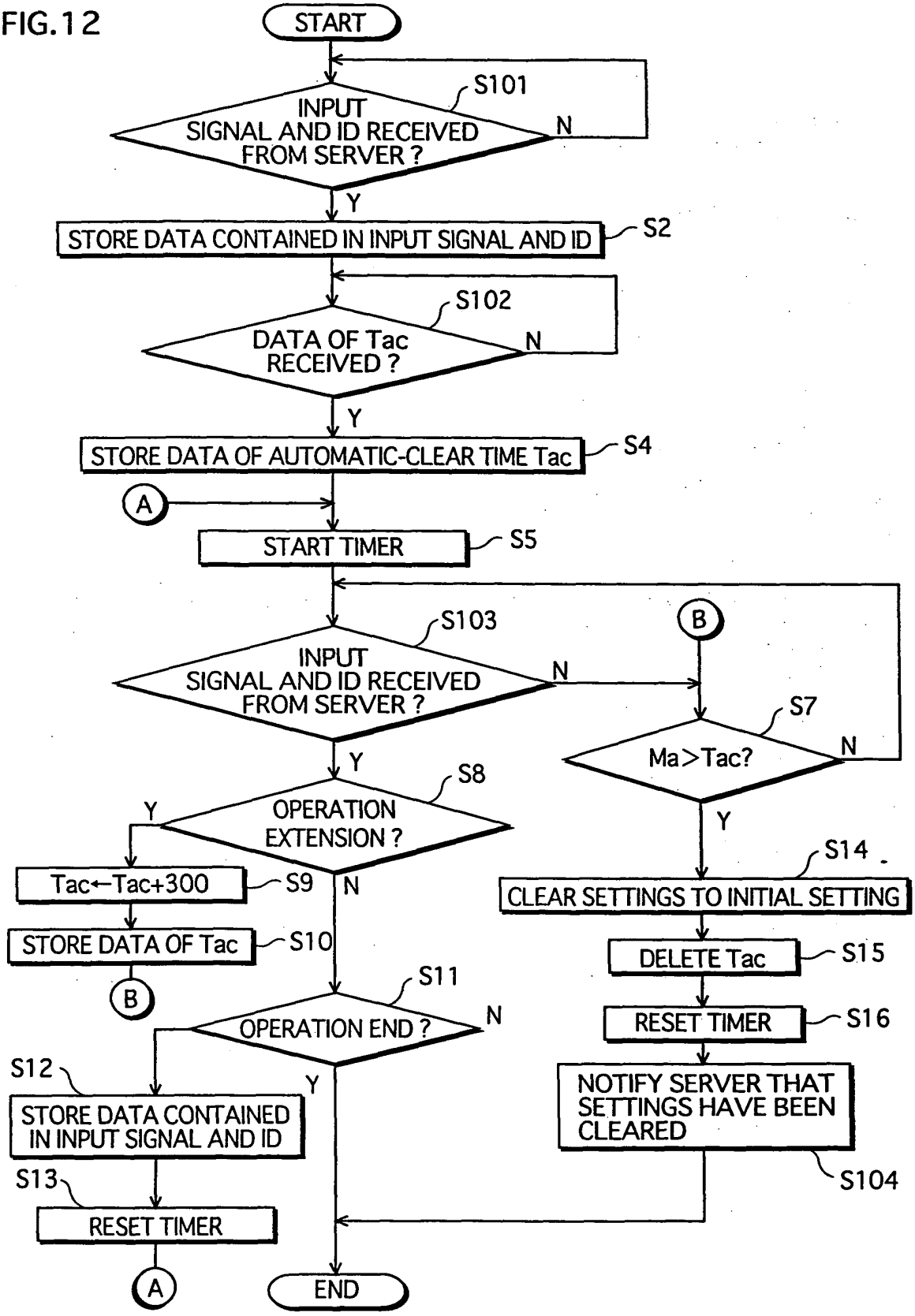
START
S101
INPUT SIGNAL AND ID RECEIVED FROM SERVER ?
N
Y
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S2
S102
DATA OF Tac RECEIVED ?
N
Y
STORE DATA OF AUTOMATIC-CLEAR TIME Tac
S4
A
START TIMER
S5
S103
INPUT SIGNAL AND ID RECEIVED FROM SERVER ?
N
Y
B
S7
Ma>Tac?
N
Y
S8
OPERATION EXTENSION ?
Y
N
Tac←Tac+300
S9
STORE DATA OF Tac
S10
B
S11
OPERATION END ?
N
Y
S12
STORE DATA CONTAINED IN INPUT SIGNAL AND ID
S13
RESET TIMER
A
END
S14
CLEAR SETTINGS TO INITIAL SETTING
DELETE Tac
S15
RESET TIMER
S16
NOTIFY SERVER THAT SETTINGS HAVE BEEN CLEARED
S104

FIG.13

16

TYPE	AUTOMATIC-CLEAR TIME		
		UD-COMPLIANT	OPERATION EXTENSION
1 (KEYBOARD)	SET VALUE A(390s)	YES	YES
	SET VALUE B(360s)	NO	YES
	SET VALUE C(90s)	YES	NO
	SET VALUE D(60s)	NO	NO
2 [MOUSE/ JOYSTICK]	SET VALUE A(420s)	YES	YES
	SET VALUE B(380s)	NO	YES
	SET VALUE C(120s)	YES	NO
	SET VALUE D(80s)	NO	NO
3 TOUCH PANEL	SET VALUE A(430s)	YES	YES
	SET VALUE B(400s)	NO	YES
	SET VALUE C(130s)	YES	NO
	SET VALUE D(100s)	NO	NO
4 AUDIO SWITCH	SET VALUE A(490s)	YES	YES
	SET VALUE B(450s)	NO	YES
	SET VALUE C(190s)	YES	NO
	SET VALUE D(150s)	NO	NO
5 MOUTHPIECE SWITCH	SET VALUE A(600s)	YES	YES
	SET VALUE B(500s)	NO	YES
	SET VALUE C(300s)	YES	NO
	SET VALUE D(200s)	NO	NO
6 SIGHT LINE SWITCH	SET VALUE A(600s)	YES	YES
	SET VALUE B(500s)	NO	YES
	SET VALUE C(300s)	YES	NO
	SET VALUE D(200s)	NO	NO